

10/622,976

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Colvin et al.	Examiner:	Thangavelu, Kandasamy
Serial No.:	10/622,976	Group Art Unit:	2123
Filed:	July 18, 2003	Docket No.:	60102.0004USU1
Title:	SYSTEM AND METHOD FOR AUTOMATED RESERVOIR TARGETING		

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450, July 27, 2005.

By:

Name: Alton Hornsby, III

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(d))

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. § 1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

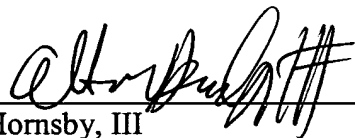
Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

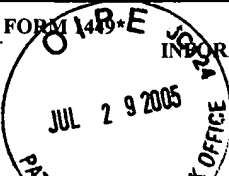
MERCHANT & GOULD

Date: July 27, 2005

  
\_\_\_\_\_  
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	<b>INFORMATION DISCLOSURE STATEMENT</b>	
	<b>IN AN APPLICATION</b>	
	(Use several sheets if necessary)	
Docket Number:	60102.0004USU1	Application Number:
		10/622,976
Applicant: Colvin et al		
Filing Date: July 18, 2003	Group Art Unit: 2123	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,249,776	02/1981	Shuck et al.	299	4	
	6,549,879 B1	04/2003	Cullick et al.	703	10	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Karl P. Norrena, Clayton V. Deutsch, University of Alberta, Automatic Determination of Well Placement Subject to Geostatistical and Economic Constraints, SPE 78996, SPE/PS-CIM/CHOA International Thermal Operations and Heavy Oil Symposium and International Horizontal Well Technology Conference.
	Seifert, D., Lewis, J.J.M., Hern, C.Y., and Steel, N.C.T., "Well Placement Optimisation and Risking Using 3-D Stochastic Reservoir Modelling Techniques", SPE 35520, presented at the NPF/SPE European Reservoir Modelling Conference, Stavanger, April 1996.
	Rosenwald, G. W., and Green, D. W., "A Method for Determining the Optimum Location of Wells in a Reservoir Using Mixed-Integer Programming", SPE J., (1973).
	Lars Kjellesvik and Geir Johansen, "Uncertainty Analysis of Well Production Potential, Based on Streamline Simulation of Multiple Reservoir Realisations", EAG/SPE Petroleum Geostatistics Symposium, Toulouse, April 1999.
	Beckner, G. L. and Song X., "Field Development Planning Using Simulated Annealing - Optimal Economic Well Scheduling and Placement", SPE 30650, Annual SPE Technical Conference and Exhibition, Dallas, October 22-25, 1995.
	Vasantharajan S. and Cullick, A. S., "Well Site Selection Using Integer Programming Optimization", IAMG Annual Meeting, Barcelona, September 1997.
	Ierapetritou, M. G., Floudas, C. A., Vasantharajan, S., and Cullick, A. S., "A Decomposition Based Approach for Optimal Location of Vertical Wells", AIChE Journal 45, April, 1999, p. 844-859.

**23552**

PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	